

ViewSonic®

N1300

LCD TV Display

User Guide



Contents

Product Registration.....	2
For Your Records.....	2
Important Product Safety Instructions.....	3
Antenna Installation Instructions.....	4
Cleaning the LCD Display.....	4

Getting Started

Package Contents.....	5
Front View of the Product.....	6
Rear View of the Product.....	7
Remote Control.....	8
Installation.....	9

OSD Functions

Source Input-TV Mode.....	14
Source Input-YCbCr, AV, S-Video Mode.....	18

Other Information

Specifications.....	20
Troubleshooting.....	21
Customer Support.....	22
Limited Warranty.....	23

Appendix

Safety Guidelines.....	24
Compliance Information for U.S.A.....	25

Copyright © ViewSonic Corporation, 2004. All rights reserved.

ViewSonic, the three birds logo, OnView, ViewMatch, and ViewMeter are registered trademarks of ViewSonic Corporation.

Disclaimer: ViewSonic Corporation shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.

In the interest of continuing product improvement, ViewSonic Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from ViewSonic Corporation.

Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: www.viewsonic.com. The ViewSonic Wizard CD-ROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

For Your Records

Product Name: ViewSonic N1300

Model Number: VS10179-1M

Serial Number: _____

Purchase Date: _____

Product disposal at end of product life

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. Your local waste disposal company may provide information about proper disposal.

IMPORTANT PRODUCT SAFETY INSTRUCTIONS

ATTENTION:

Follow and obey all warnings and instructions marked on your product and its operating instructions. For your safety, please read all the safety and operating instructions before you operate this product follow its operating and keep this user guide for future reference.

INSTALLATION

1. Grounding or Polarization

Your product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

2. Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

3. Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

4. Ventilation

Slots and openings around the cabinet are provided for ventilation.

To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered.

- Do not block the openings by placing the product on a bed, sofa, rug or other similar surface.
- Do not place the product in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

5. Other Notices

- Avoid exposure the N1300 to direct sunlight or high temperature.
- Avoid exposure the N1300 to moisture or high humidity.
- Do not attempt repair yourself. Your warranty does not cover repair or attempted repair by anyone not authorized by ViewSonic.
- If your N1300 will not be used for a long period of time, unplug and remove the batteries from the remote control.

6. Precautions

Sit at least 13" from your LCD display.

Avoid touching the screen. Skin oils are difficult to remove.

Never remove the rear cover. Your LCD display contains high-voltage parts. You may be seriously injured if you touch them.

- Avoid exposing your LCD display to direct sunlight or another heat source. Orient your LCD display away from direct sunlight to reduce glare.
 - Always handle your LCD display with care when moving it.
 - Place your LCD display in a well-ventilated area. Do not place anything on your LCD display that prevents heat dissipation.
 - Ensure the area around the LCD display is clean and free of moisture.
 - Do not place heavy objects on the LCD display, video cable, or power cord.
- If smoke, abnormal noise, or strange odor is present, immediately switch the LCD display off and call your dealer or ViewSonic. It is dangerous to continue using the LCD display.

ANTENNA INSTALLATION INSTRUCTIONS

1. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges, Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

2. Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges. Do not disconnect the antenna or the power cord during a heavy storm lightning may strike while you are holding the cable cord, causing serious injury; turn off you LCD and wait for the wether to improve.

3. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits, When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Cleaning the LCD Display

- Make sure the LCD Display is turned off.
- Never spray or pour any liquid directly onto the screen or case.

To clean the screen:

- 1 Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
- 2 If still not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

To clean the case:

- 1 Use a soft, dry cloth.
- 2 If still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the LCD display screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the LCD display. ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

Getting Started

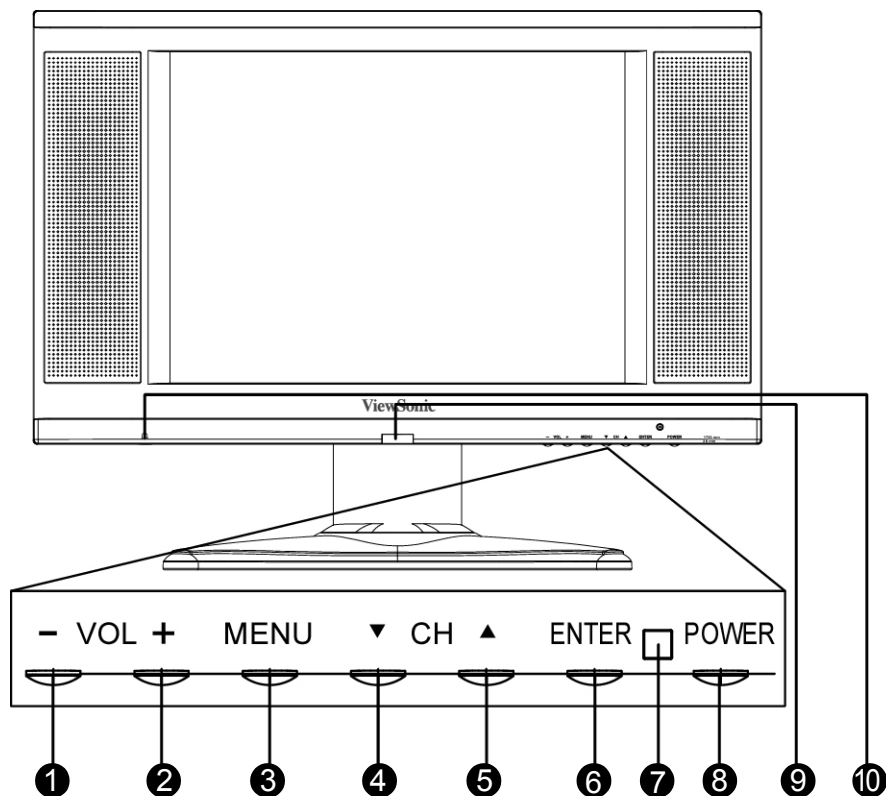
Congratulations on your purchase of a ViewSonic® LCD TV display. **Important!**
Save the original box and all packing material for future shipping needs.

Package Contents

Your LCD TV display package includes:

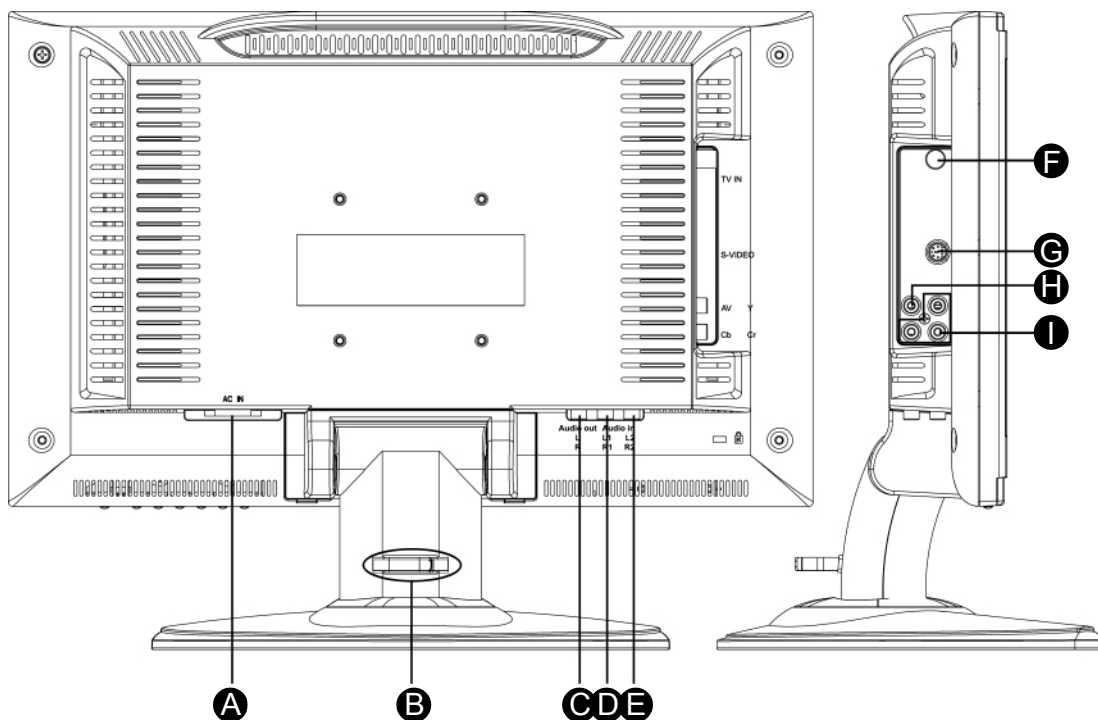
- LCD TV Display
- Power Cord
- ViewSonic User Guide
- RF Cable Adapter
- Wall/ Under Cabinet Mount
- RCA A/V Cable
- 29-Key Remote Control with batteries
- Quick Start Guide

Front View of the Product



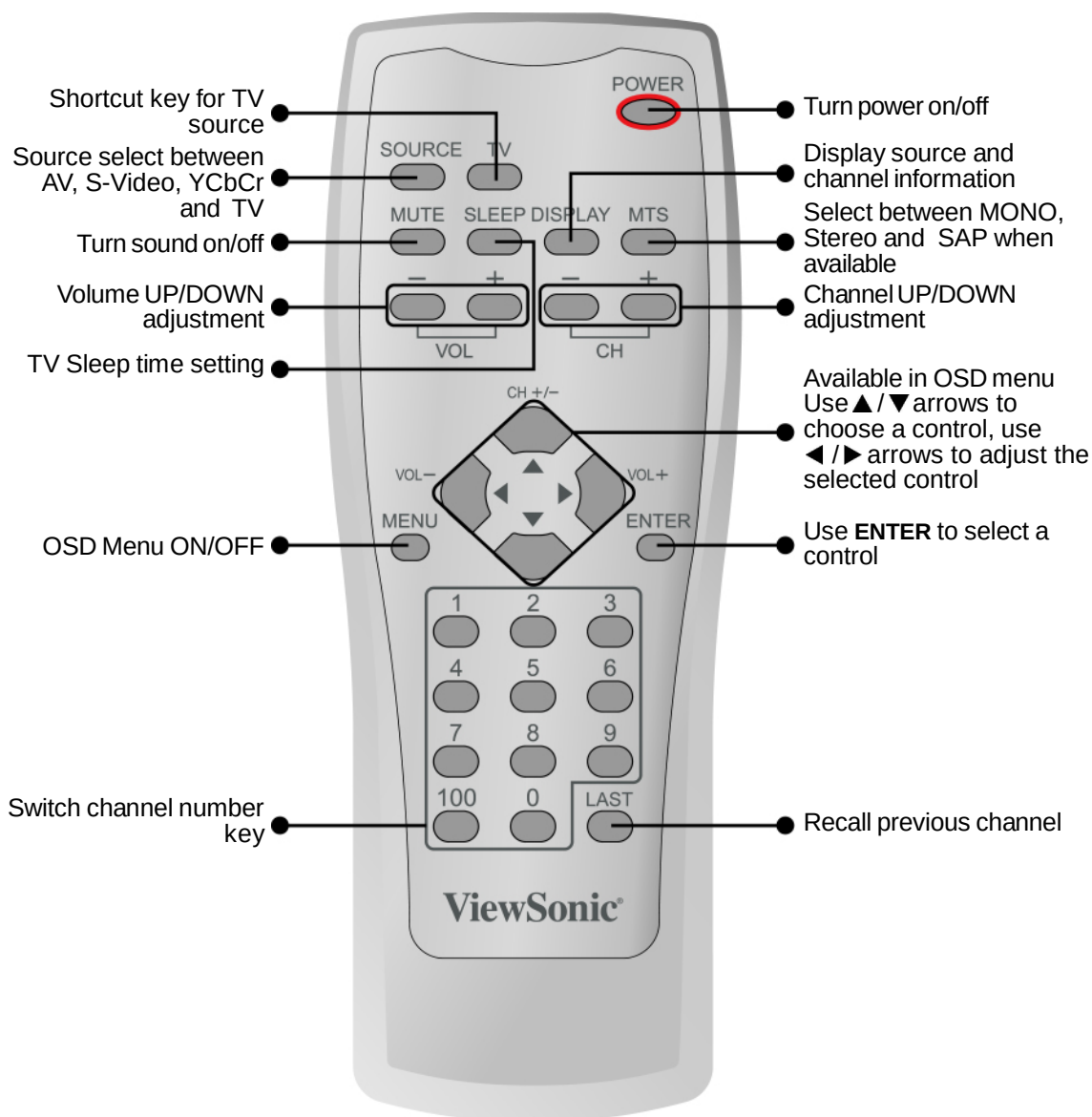
- ① Volume Down**
Decrease sound volume or adjust a highlighted control while in OSD menu.
- ② Volume Up**
Increase sound volume or adjust a highlighted control while in OSD menu.
- ③ MENU**
Turn OSD menu ON/OFF.
- ④ CH Down**
Channel down when source is at TV or select a control while in OSD menu.
- ⑤ CH Up**
Channel up when source is at TV or select a control while in OSD menu.
- ⑥ ENTER**
To highlight a control in OSD menu.
- ⑦ Power LED indicator**
- ⑧ Power button**
- ⑨ Remote control receiver**
- ⑩ Earphone**

Rear View of the Product



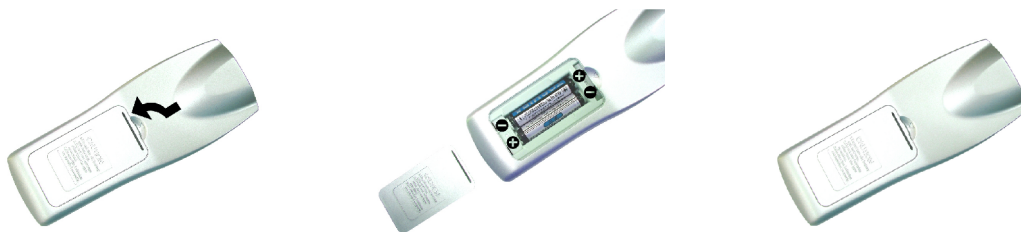
- A Power (AC input)**
Using cable provided, connect to a power source.
- B Cable manager**
- C Audio output**
Connect this port to your external speaker.
- D AV/ S-Video signal Audio input (left/right)**
Connect the external audio into this jack.
- E YCbCr signal Audio input (left/right)**
Connect the external audio into this jack.
- F TV signal input**
Connect to the antenna or cable service.
- G S-Video input**
Connect the external video device such as VCR, DVD and video game into this jack.
- H AV Video input**
Connect the external video device such as VCR, DVD and video game into this jack.
- I YCbCr signal input**
Connect the external video devices with component output to these jacks.

Remote Control



Installation

1. Insert Remote Control Batteries



- 1 Remove the battery cover by pulling then lifting the knob on the cover.
- 2 Insert the batteries, corresponding to the (+) and (-) markings on the battery compartment.
- 3 Reattach the battery cover.

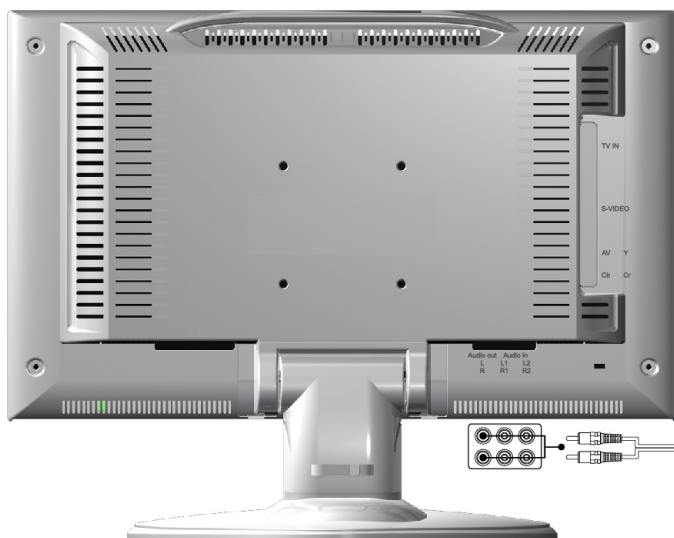


CAUTION

- Only use the specified AAA batteries.
- Do not mix new and old batteries. This may result in cracking or leakage, which may pose a risk of fire or lead to personal injury.
- Insert batteries according to (+) and (-) markings. Inserting the batteries incorrectly may result in cracking or leakage, which may pose a risk of fire or lead to personal injury.
- Dispose of the battery in accordance with local laws and regulations.
- Keep the battery away from children and pets.
- When the remote control will not be used for an extended period, remove the batteries.

2. Connect Audio Cable

Connect Video/Audio cables from compatible devices into the back panel of N1300.



OPTIONAL:

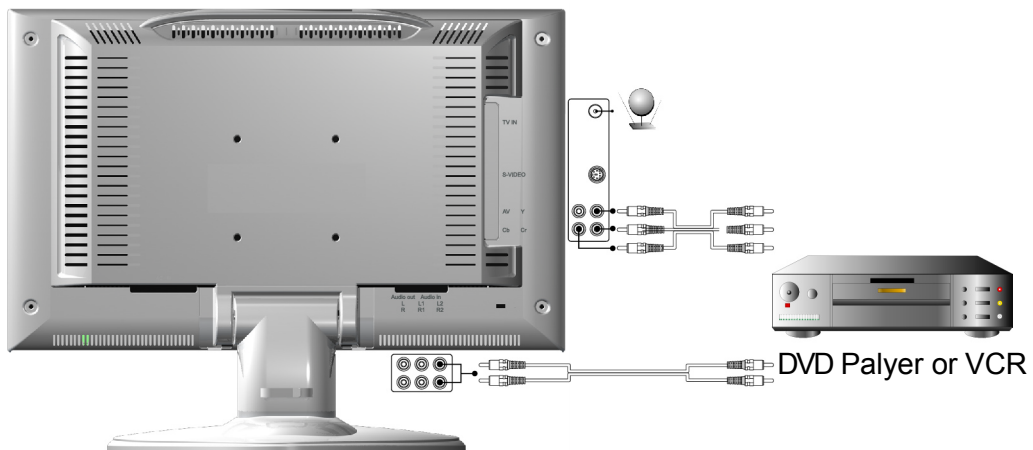
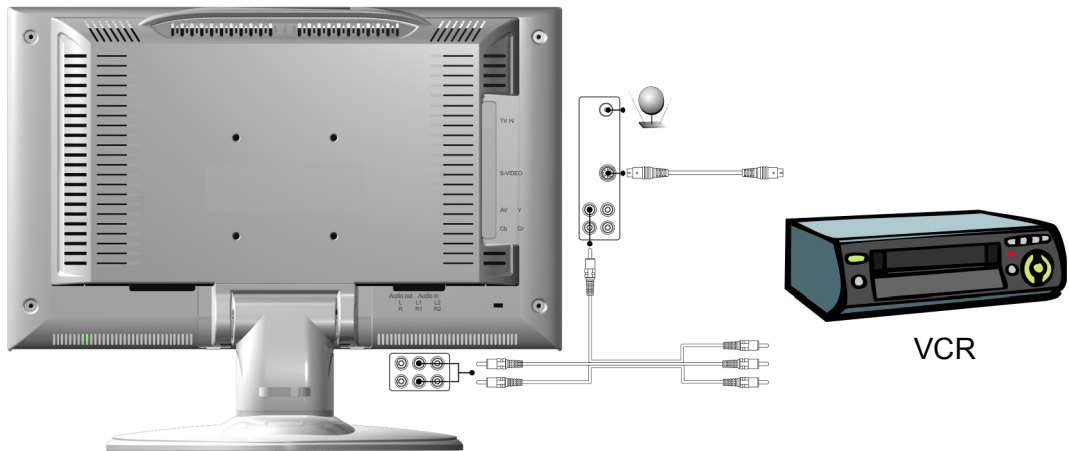
To connect an external amplifier, connect the stereo mini cable from the TV AUDIO OUT port to the appropriate AUDIO IN port on a compatible amplifier as shown on the right.



Stereo system
(Cable not supplied)

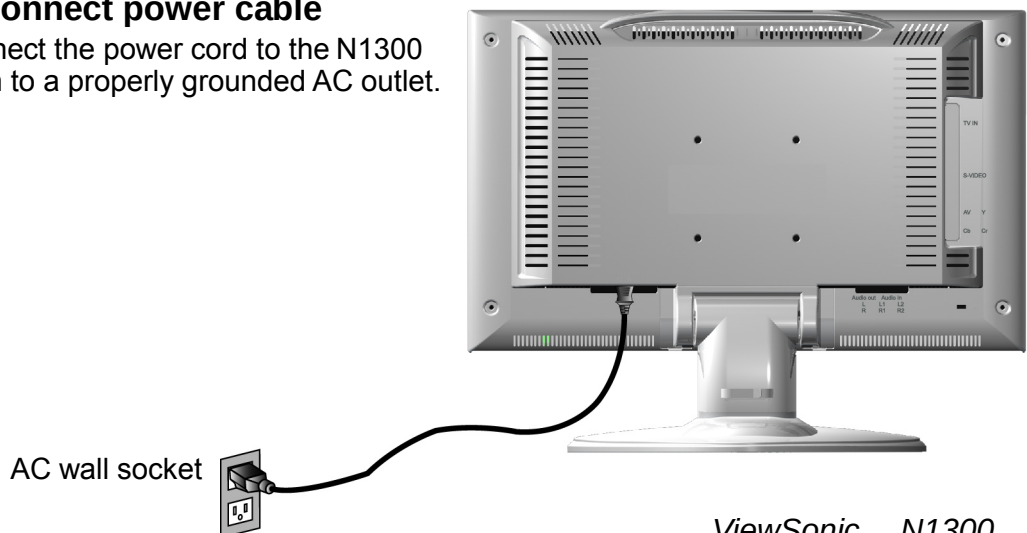
3. Connect Antenna, S-Video, AV, YCbCr to Video Devices

Connect Video/Audio cables from compatible devices into the back panel of N1300.



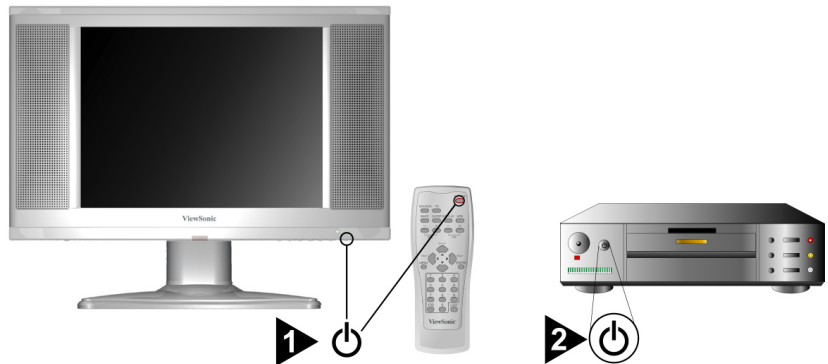
4. Connect power cable

Connect the power cord to the N1300 then to a properly grounded AC outlet.



5. Turn Power ON

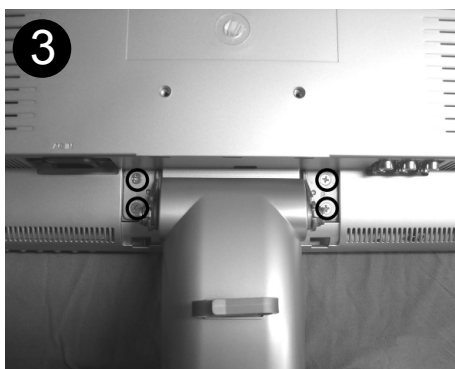
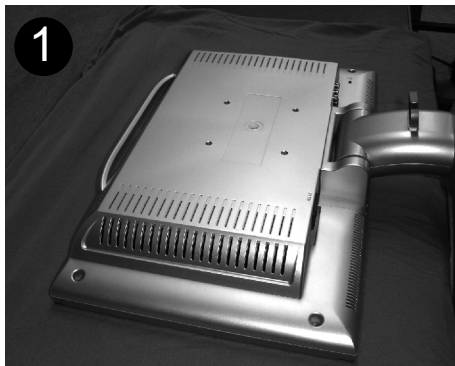
Press the Power ON  button underneath the front of the LCD TV.
Or press the Power On (red) button on the Remote Control. Turn Video source power ON.



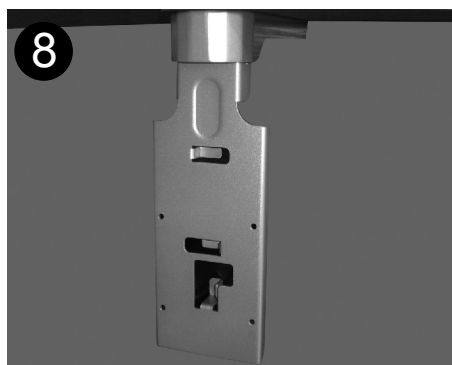
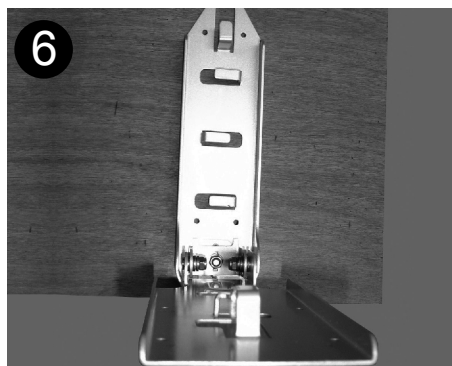
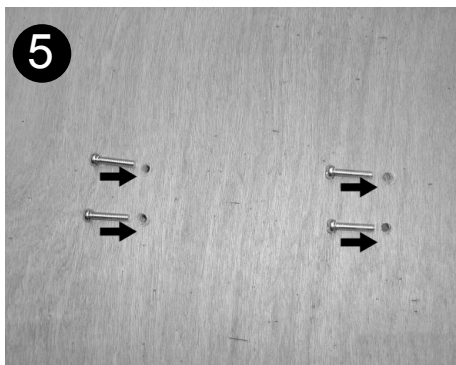
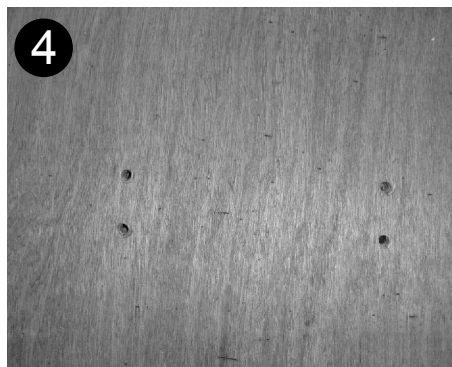
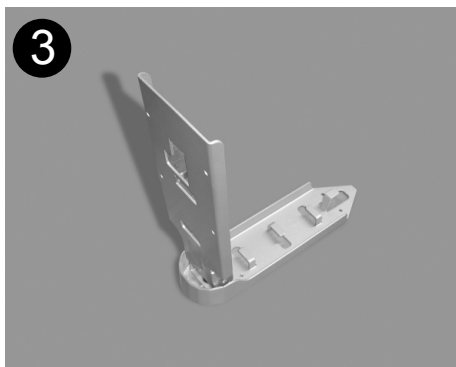
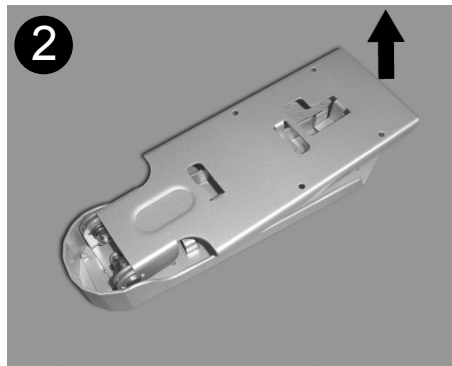
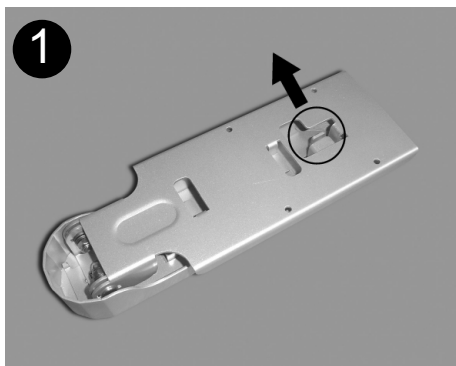
6. Select input source for your LCD TV display, via either OSD menu or Remote control

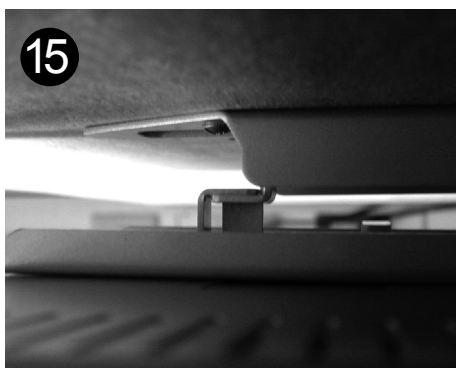
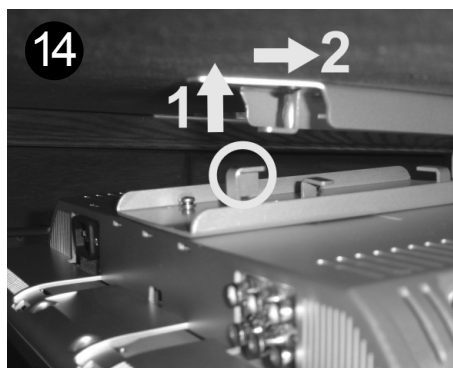
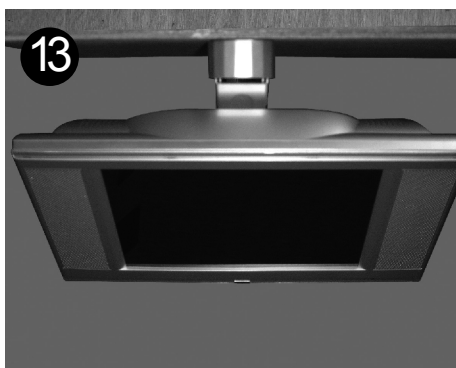
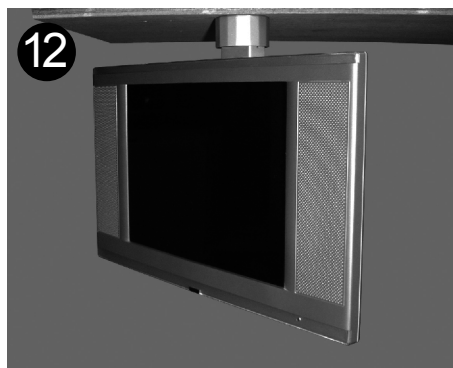
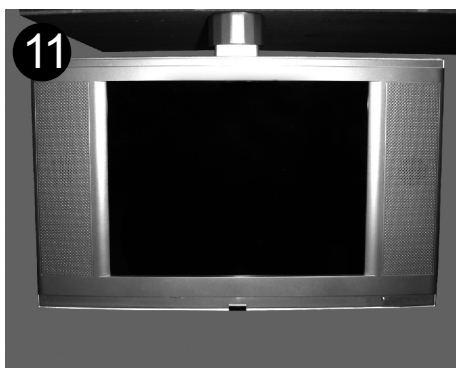
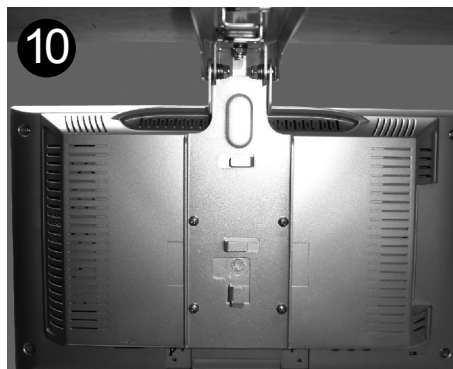
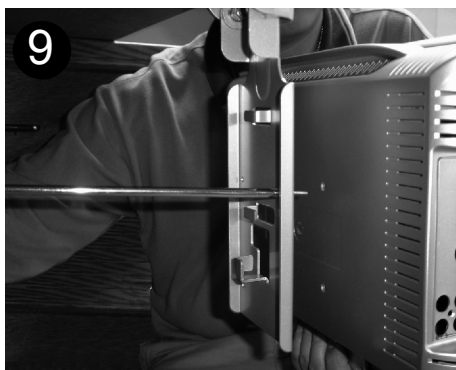
- The Enter key of N1300 was the shortcut key for selection of input source to display.
- TV key of remote control was shortcut for TV selection.
- Source key of remote control was for selection among all video input sources.

7. How to uninstall the stand



8. Under cabinet mounting of LCD TV





OSD Functions

All the function settings for your LCD TV display are controlled either via the remote control or using the proper buttons underneath the front panel.

Press **MENU** key to display OSD Menu, and press **MENU** key again will change menu page. OSD menu may appear to be different, depend on the current source input.

Source Input: TV

Picture Menu

Picture Menu	
Contrast	50
Brightness	50
Color	70
Tint	49
Sharpness	12
▲▼ Select ◀▶ Adjust	
Menu: Next Page	

Contrast: To adjust the contrast ratio of the image. (right: high contrast, left: low contrast)

Brightness: To adjust the luminance of the image. (right: Max, left: low)

Color: To adjust color saturation. (right: brilliant color, left: pale color)

Tint: To adjust the video hue level. (right: more greenish tone, left: more reddish tone)

Sharpness: To adjust the image sharpness of display. (right: sharpen, left: soften)

Sound Menu

Sound Menu	
Balance	50
Bass	50
Treble	50
Audio Out	Off On
▲▼ Select ◀▶ Adjust	
Menu: Next Page	

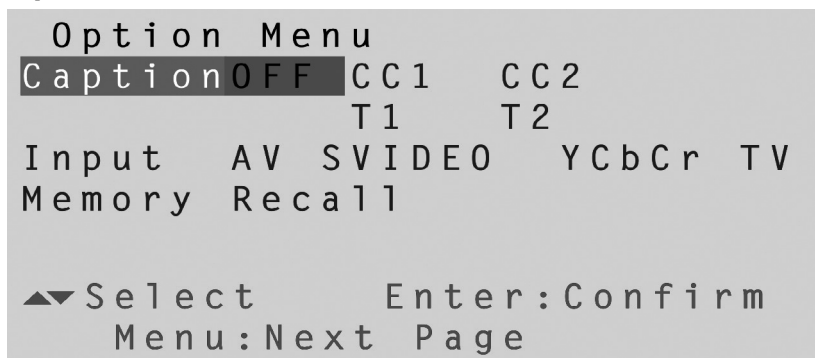
Balance: To adjust the left and right audio balance.

Bass: To adjust the audio bass.

Treble: To adjust the audio treble.

Audio Out: To adjust the Audio Out Off/On.

Option Menu

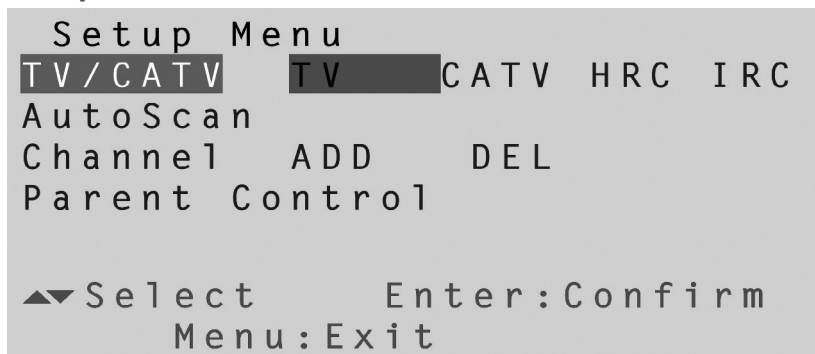


Caption: To turn Closed Caption feature on/off, or select the type of closed caption desired.

Input: To choose a desired input source between **AV**, **S-Video**, **YCbCr** and **TV**.

Memory Recall: Recall factory pre-sets.

Setup Menu



TV/CATV SELECT: To select TV signal input between off-air and cable service.

AutoScan: To search for available TV /CATV channels.

Channel (Add, Delete): Use to add or skip TV channel after **Autoscan**.

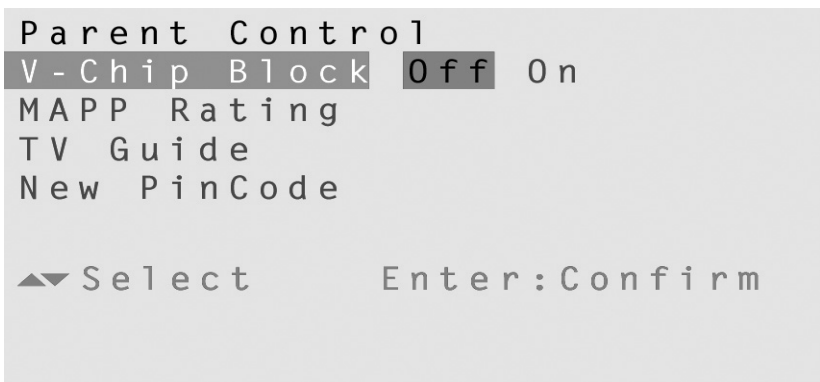
Parent Control: To turn V-Chip function on/off, set desired rating(s) and change password.

V-Chip feature is designed to help parents monitor what their children watch on television.

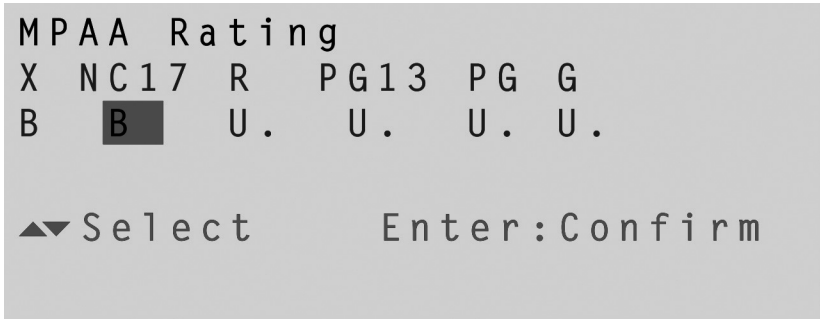
P A S S W O R D :



V-Chip setting: To enable V-Chip functions please enter 0000 if you have not assigned the special password.



Use remote control arrow keys to select **V-CHIP Blocking** to set parental guidelines on or off.



Select **MPAA Rating Guide** to set rating grade, Use remote control arrow keys to move cursor to desire rating grade, when the text is Red, press **ENTER** key to set block (**B**) or unblock (**U**) condition.

Movie Ratings

The MPAA movie ratings are defined as following.

Rating	Defined as	Rating	Defined as
G	General audience	R	Restrcted
PG	Parental Guidance suggested	NC-17	No one 17 and under admitted
PG-13	Parents strongly cautioned	X	Adult audience only



Select **TV Guide** to set rating grade, Use remote control arrow keys to move cursor to desired rating grade, and it will turn red, press **ENTER** key to set block (**B**) or unblock (**U**) condition.

TV Ratings

The TV ratings are divided into two grounds age-based and content-based.

Age	Defined as	Age	Defined as
TV-Y	All Children	TV-PG	Parental Guidance Suggested
TV-Y7	Directed to Older Children	TV-14	Parents Strongly Cautioned
TV-G	General Audience	TV-MA	Mature Audience Only

To change the password, select **NEW PIN-Code**.

NEW PASSWORD :

Use remote control numbering keys to enter a 4 digit number, then press **ENTER**.

PASSWORD AGAIN

Use remote control numbering keys to confirm the number again, then press **ENTER**.



V-Chip blocked: To enable V-Chip blocked please enter 0000 if you have not assigned the special password.

Source Input: YCbCr, AV, S-Video

Picture Menu

Picture Menu	
Contrast	50
Brightness	50
Color	70
Tint	49
Sharpness	12
▲▼ Select ◀▶ Adjust	
Menu: Next Page	

Contrast: To adjust the contrast ratio of the image level. (right: high contrast, left: low contrast)

Brightness: To adjust the brightness ratio of the image level. (right: Max, left: low)

Color: To adjust color saturation. (right: brilliant color, left: pale color)

Tint: To adjust the video hue level. (right: more reddish tone, left: more greenish tone) (*Tint/ Sharpness not available in YCbCr*)

Sharpness: To adjust the picture sharpness. (right: sharpen, left: soften)

Sound Menu

Sound Menu	
Balance	50
Bass	50
Treble	50
Audio Out	Off On
▲▼ Select ◀▶ Adjust	
Menu: Next Page	

Balance: To adjust the left and right audio balance.

Bass: To adjust the audio bass.

Treble: To adjust the audio treble.

Audio Out: To adjust the Audio Out Off/On.

Option Menu

```
Option Menu
CaptionOFF CC1 CC2
          T1 T2
Input  AV SVIDEO YCbCr TV
Memory Recall

▲▼ Select      Enter: Confirm
Menu: Exit
```

Caption: To turn Closed Caption feature on/off, or select the type of closed caption desired.

Input: To choose a desired input source among **AV**, **S-Video**, **YCbCr** and **TV**.

Memory Recall: Recall factory pre-sets.

Other Information

Specifications

LCD	Type	13" TFT (Thin Film Transistor) Active Matrix (640 x 480) 0.4125mm pixel pitch
	Color Filter	RGB vertical stripe
	Glass surface	Anti-Glare
Panel tilt		UP: +20° , Down: -5°
Input signal	RF	TV system Antenna/NTSC
	Video	1 compsite RCA, 1 S-Video, 1YCbCr component
	Audio	1 mini-stereo, 1 pair of RCA (L/R) stereo
Speaker Output		2.5W x 2
Audio Output		2 RCA jack
Power	Voltage	100-240 VAC, 50/60 Hz (auto switch)
Display area	Full Scan	267mm (H) x 201 mm (V)
		10.5" (H) x 7.9" (V)
Operating conditions	Temperature	32° F to + 104° F (0° C to + 40° C)
	Humidity	20% to 65% (no condensation)
	Altitude	To 10,000 feet (3,000m)
Storage conditions	Temperature	-4° F to + 140° F (-20° C to + 60° C)
	Humidity	10% to 90% (no condensation)
	Altitude	To 40,000 feet (12,000m)
Dimensions	Physical	426 mm (W) x 346 mm (H) x 195 mm (D)
		16.8" (W) x 13.6" (H) x 7.7" (D)
Weight	Net	4.04 kg (8.9 lb)
Regulations		UL, FCC-B (Doc-B), NOM
Power saving modes	On	<50W (green LED)
	Active Off	<5W

Note: Product Specification are subject to change without notice.

Troubleshooting

No power

- Make sure power button (or switch) is ON.
- Make sure A/C power cord is securely connected to the LCD display.
- Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.

Power is ON but no screen image

- Make sure the video cable supplied with the LCD display is tightly secured to the video output port on the back of the Video source. If the other end of the video cable was not attached permanently to the LCD display, tightly secure it to the LCD display.
- Adjust brightness and contrast.
- Check Source settings.

Wrong or abnormal colors

- If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.
- Connect the LCD display to another Video source.

Control buttons do not work

- Press only one button at a time.

Snow appears on screen

- Check your antenna connection.
- Check TV/CATV selection.

No Sound

- Check your audio connection in accordance with Video source.
- Press Mute again, so that Mute disappears from the screen.
- Check your MTS settings, your TV MTS may be set to SAP.
- Press the Volume + key on your remote controller.

Remote control doesn't work

- Make sure batteries been inserted correctly.
- Batteries could be weak.

Customer Support

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product serial number.

Contry/ Region	Web site	T = Telephone F = FAX	Email
United States	viewsonic.com/support	T: (800) 688-6688 F: (909) 468-1202	service.us@viewsonic.com
Canada	viewsonic.com/support	T: (800) 688-6688 F: (909) 468-1202	service.ca@viewsonic.com

Limited Warranty

VIEWSONIC LCD DISPLAY

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, **ViewSonic** will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

How long the warranty is effective:

ViewSonic N1300 is warranted for one (1) year for all parts including the light source and one (1) year for all labor from the date of the first consumer purchase.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
 - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - b. Repair or attempted repair by anyone not authorized by **ViewSonic**.
 - c. Any damage of the product due to shipment.
 - d. Removal or installation of the product.
 - e. Causes external to the product, such as electrical power fluctuations or failure.
 - f. Use of supplies or parts not meeting **ViewSonic's** specifications.
 - g. Normal wear and tear.
 - h. Any other cause which does not relate to a product defect.
3. Removal, installation, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact **ViewSonic Customer Support**. You will need to provide your product's serial number.
2. To obtain service under warranty, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized **ViewSonic** service center or **ViewSonic**.
4. For additional information or the name of the nearest **ViewSonic** service center, contact **ViewSonic**.

Limitation of implied warranties:

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Exclusion of damages:

VIEWSONIC'S LIABILITY IS LIMITED TO THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. VIEWSONIC SHALL NOT BE LIABLE FOR:

1. DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE PRODUCT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, LOSS OF PROFITS, LOSS OF BUSINESS OPPORTUNITY, LOSS OF GOODWILL, INTERFERENCE WITH BUSINESS RELATIONSHIPS, OR OTHER COMMERCIAL LOSS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
2. ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE.
3. ANY CLAIM AGAINST THE CUSTOMER BY ANY OTHER PARTY.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.

Appendix

Safety Guidelines

Warning: This device must be operated with the original power supply, part number: 12VDC LSE9901B1250, 12VDC UP06031120.

CAUTION: The socket-outlet should be installed near the equipment and should be easily accessible.

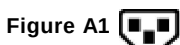
CAUTION: Use a power cable that is properly grounded. Always use the appropriate AC cord that is certified for the individual country. Some examples are listed below:

USA.....UL	Switzerland SEV
Canada.....CSA	Britain BASE/BS
Germany.....VDE	Japan Electric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord set for this unit has been enclosed and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set, or if the cord set is not enclosed.

The female receptacle of the cord set must meet IEC-60320 requirements and may look like (Figure A1 below):



For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), UL Listed, and CSA Labeled. For units which are mounted on a desk or table, type SVT or SJT cord sets may be used. For units which sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

Cord Type	Size of Conductors in Cord	Maximum Current Rating of Unit
SJT	18 AWG 16 AWG 14 AWG	10 Amps 12 Amps 12 Amps
SVT	18 AWG 17 AWG	10 Amps 12 Amps

For European Countries

In Europe you must use a cord set which is appropriate for the receptacles in your country. The cord set is HAR-Certified, and a special mark that will appear on the outer sheath, or on the insulation of one of the inner conductors.

AC PLUG CORD PRECAUTIONS FOR THE UNITED KINGDOM

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET THEN THE PLUG SHOULD BE CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO AN APPROPRIATE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow: Earth

Blue: Neutral

Brown: Live

If the coloured wires of the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the Earth symbol or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

If you have any questions concerning which proper power cord to use, please consult with the dealer from whom you have purchased the product

Compliance Information for U.S.A.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning

To assure continued FCC compliance, the user must use grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable is going to be used, use only a shielded BNC(5) cable. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.